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TELEDYNE GEOTECH ALEXANDRIA VA ALEXANDRIA LABS
SPECIAL DATA COLLECTION SYSTEM (SDCS) NTS EVENT
MAR 78 M S DAWKINS

F/G 8/11
'REDMUD', 08 DE--ETC(U)
F08606-78-C-0007

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**SPECIAL DATA COLLECTION SYSTEM (SDCS)
NTS Event "REDMUD", 08 December 1976**

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Alexandria Laboratories

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March 1978

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SDCS Event Report No. 125

NTS Event "REDMUD", 08 December 1976.

This - The event report contains seismic data from the Special Data Collection System (SDCS), and other sources for the above event. Published epicenter information from seismic observations is provided.

	"P" Arrival	Origin Time	Latitude	Longitude	m_b	M_s
Hagfors	15:01:11.1	14:49:16	36N	121W	5.1	N/A

All SDCS stations were operational during this time period, although only one, RK-ON recorded a useable signal. HN-ME short-period was negative and signals recorded at the NTS stations were clipped. Horizontal channels at RK-ON were rotated.

Long-period at HN-ME and RK-ON (the only two SDCS stations presently recording LP) was negative.

NORSAR data was unrecoverable from the SDAC/VELA Network detection processing system, and NORSAR has not yet resumed the publication of a bulletin.

LASA data was recoverable in both short-period and long-period modes, and positive signals were recorded.

Scaling factors on plots are millimicrons at 1 Hz for SP and 0.04 Hz for LP (not corrected for instrument response).

ACCESSION for	
NTIS	White Section <input checked="" type="checkbox"/>
DDC	Buff Section <input type="checkbox"/>
UNANNOUNCED	<input type="checkbox"/>
JUSTIFICATION	
BY	
DISTRIBUTION/AVAILABILITY NOTES	
Dist.	SP/DAL
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STATION DESCRIPTION

SITE CODE	LOCATION	SITE COORDINATES DEG MN SECS	ELEVATION METERS	INSTRUMENTATION	
				SHORT-PERIOD	LONG-PERIOD
HN-ME	Houlton, Maine	46 09 43.0 N 067 59 09.0 W	213	KS36000	KS36000
RK-ON	Red Lake, Ontario	50 50 20.0 N 093 40 20.0 W	366	18300	SL210 V SL220 H
OB2NV	Nevada Test Site	37 13 31.0 N 116 03 28.0 W		18300	N/A
NT-NV	Nevada Test Site	31 16 33.0 N 116 25 06.0 W		18300	N/A
NT2NV	Nevada Test Site	37 15 16.0 N 116 18 13.0 W		18300	N/A
LASA	Billings, Montana	46 41 19.0 N 106 13 20.0 W	744	HS10	7505A V 8700C H
NORSAR	Kjeller, Norway	60 49 25.4 N 010 49 56.5 E	379	HS10	7505A V 8700C H

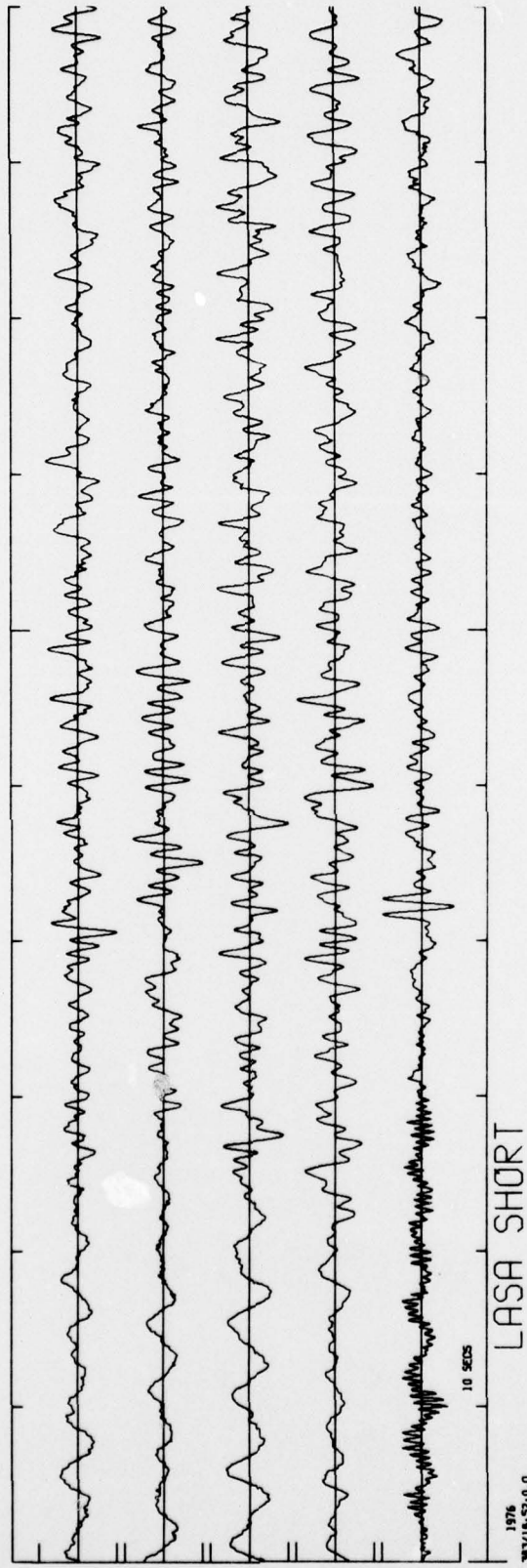
PRED A -- TRAVEL TIME PREDICTIONS --

08DEC INPUT FOR EVENT 8 DEC 76
 14:49:30.0 37.000N 116.000W OKM.

STA.		TIME	SURF(OKM.) TRAV.TIME	DIST DEG.	KM.	EVT-STA	AZI STA-EVT
OB2NV	P	14 49 34.3	0:04.3	0.23	25.4909	348.443	168.408
OB3NV	P	14 49 34.4	0:04.4	0.24	26.2509	349.440	169.408
NT2NV	P	14 49 36.4	0:06.4	0.34	37.8929	317.990	137.818
NT-NV	P	14 49 38.1	0:08.1	0.43	48.1569	309.600	129.348
LAO	P	14 52 22.8	2:52.8	12.11	1346.3806	33.872	220.403
RK-ON	P	14 54 15.4	4:45.4	21.10	2346.6204	41.990	237.640
HN-ME	P	14 56 36.8	7:06.8	36.58	4067.1921	60.108	273.026
NAO	P	15 01 02.3	11:32.3	73.31	8151.6133	24.170	318.013
HFS	P	15 01 10.7	11:40.7	74.76	8312.8984	23.524	320.323

67 HERRIN TRAVEL TIME TABLES

SURF			
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0	.	.	0
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LA010SHQ01U1Z
30.1 IN/UNIT
(LA 2° 15)

LA010SHQ01U1Z
30.1 IN/UNIT
(LA 2° 16)

LA010SHQ02U1Z
30.0 IN/UNIT
(LA 2° 11)

LA010SHQ03U1Z
30.7 IN/UNIT
(LA 2° 12)

LA010SHQ04U1Z
30.4 IN/UNIT
(LA 2° 13)



TIME 5.0 SECMIN

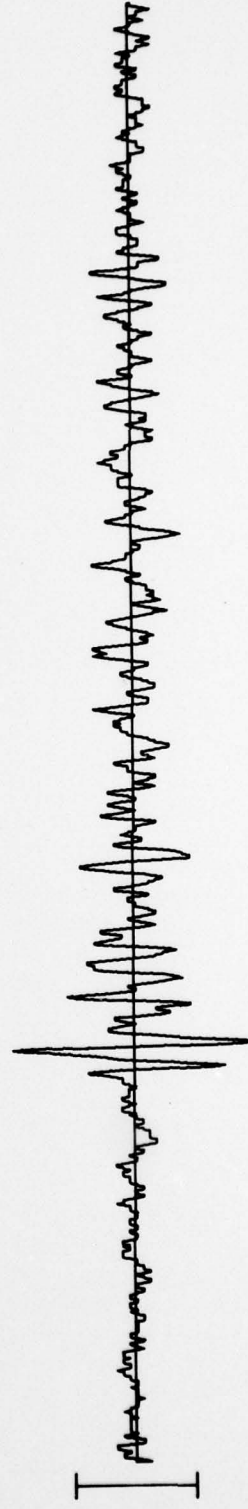
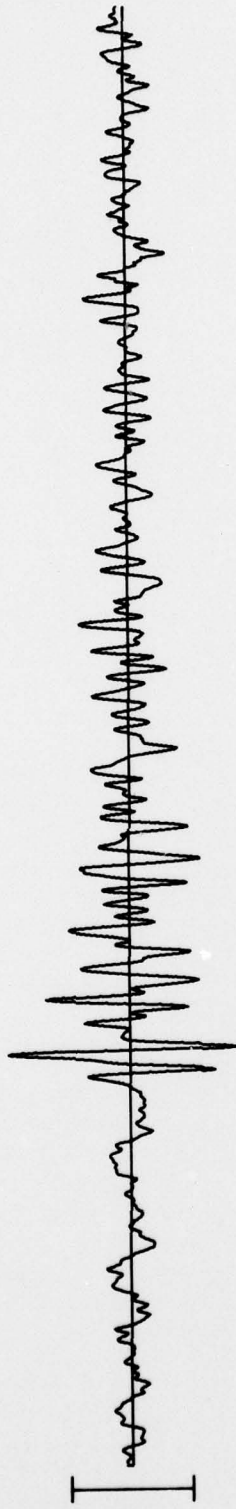
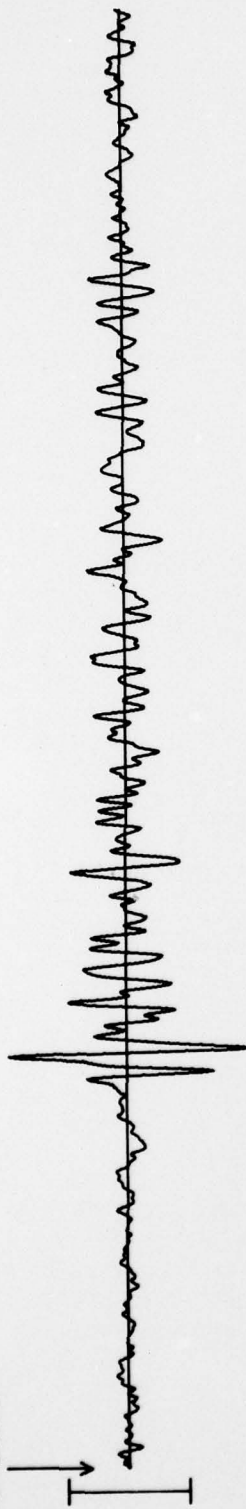
LASA SHORT

PERIOD SUBARRAYS

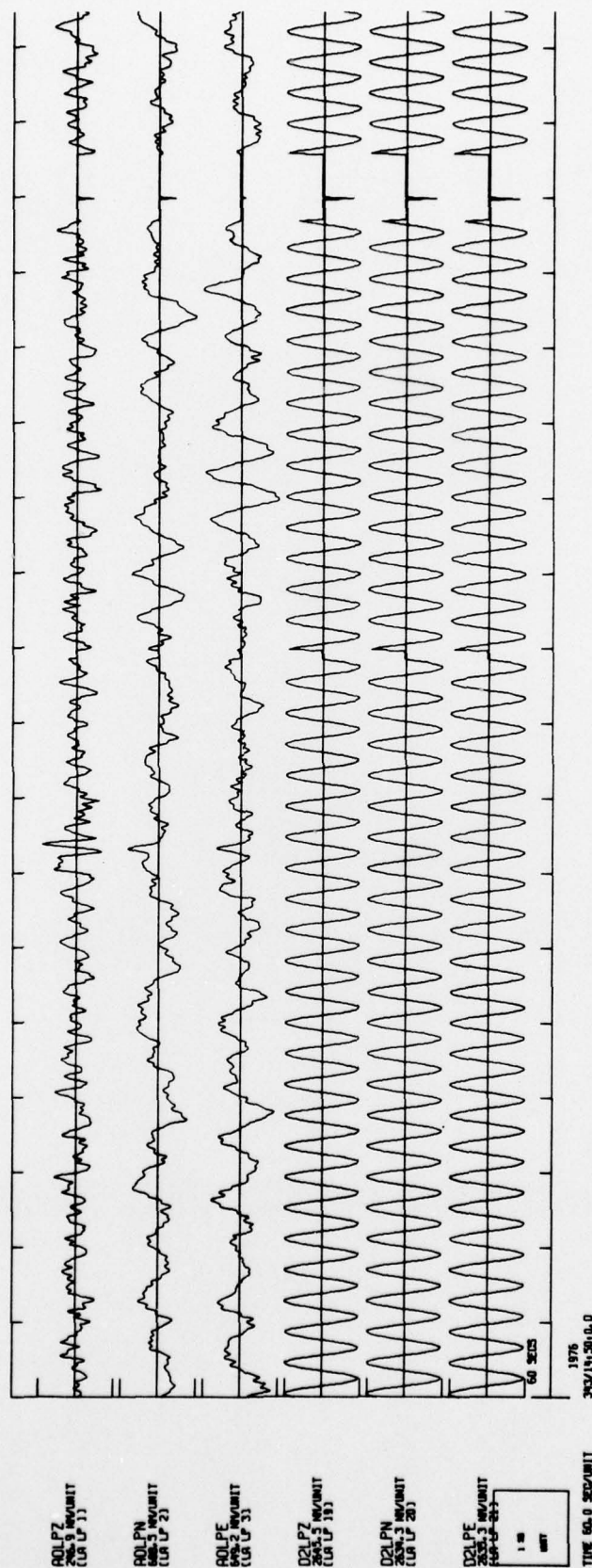
08 DEC 76

RK-ON 08 DEC 76

14:54:00.0



10 SEC



LASA 08 DEC 76